

AMENDMENT TO THE DRAWINGS:

Please substitute the enclosed three (3) sheets of drawings for the drawings presently in the application. A marked-up version of the drawings showing all proposed changes in red is enclosed herewith for the Examiner's approval.

AMENDMENT TO THE SPECIFICATION:

Due to a typographical error, please amend the Specification by replacing paragraph [0032], on page 8 carried over to page 9, with the following:

[0032] FIG. 3 shows a cross-sectional view of a coking furnace 11 containing the present invention. The heater tubes 18 and the long radius bends 19 which connect them are located in the center of the coking furnace 11 in two vertical columns, although it will be appreciated that the invention anticipates a plurality of vertical columns, not necessarily only two. It will further be appreciated that the vertical columns of tubes 18 are not necessarily strictly vertical but are only generally vertical in arrangement. For instance, the tube bundle portion 37 shown in the upper part of FIG. 6 are within the scope of the invention, even though they are not truly vertical. The heater tubes are generally parallel to the sides 32 and 33 of the coking furnace 11. The heater tubes 18 as viewed "end on" in FIG. 3 are horizontally and vertically displaced from the heater tubes 18 in the other column, and thus have a "staggered" configuration with respect to each other. The particular heater tubes 18 in FIG. 3 are shown with a 12-inch (30.5 cm) displacement B between 4" (10 cm) diameter heater tubes 18 and the long radius bends are at a 60° angle C from each other. In other words, an angle C is formed between the center of one tube 18 as the vertex extending to the two closest tubes 18 in the vertical column adjacent the tube (but displaced vertically and horizontally therefrom to give the "staggered"

appearance), where the angle **C** is less than 180°. If **C** was zero degrees, the tubes are fully side-by-side, and if **C** was 180 degrees **C** would be current, straight vertical in-line design. A possible preferred version would have ~~and~~ an angle range between 80 and 40 degrees. In another non-limiting preferred angle range **C** may range from about 70° to about 50°. All of the tubes **18** may be collectively known as a tube bundle **36**.